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| FORM PTO-1449 (REV. 7-80) | ATTY. DOCKET NO. KPN96-03A8 | SERIAL NO. 08/966, 985 |
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PATENT DOCUMENTS

| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE APPROPRIATE |
|-------------------------------|----|-----------------|----------|----------------------|-------|---------------|----------------------------|
| | AA | 4,010,322 | 03-01-77 | Nathanson | 358 | 233 | |
| | AB | 4,258,387 | 03-24-81 | Lemelson, et al. | 358 | 85 | |
| | AC | 4,336,524 | 06-22-82 | Levine | 340 | 311.1 | |
| | AD | 4,573,766 | 03-04-86 | Bournay, Jr., et al. | 350 | 345 | |
| | AE | 4,630,895 | 12-23-86 | Abdala, Jr., et al. | 350 | 345 | |
| | AF | 4,636,866 | 01-13-87 | Hattori | 358 | 236 | |
| | AG | 4,695,129 | 09-22-87 | Faessen | 350 | 96.25 | |
| | AH | 4,704,740 | 11-03-87 | McKee, et al. | 455 | 348 | |
| | AI | 4,814,876 | 03-21-89 | Horio, et al. | 358 | 160 | |
| | AJ | 4,837,817 | 06-06-89 | Maemori | 358 | 224 | |
| | AK | 4,856,045 | 08-08-89 | Hoshina | 379 | 53 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO |
|--|----|-----------------|-----------|---------|-------|-----------|----------------------------|
| | AL | 0 172 473 A2 | Feb-26-86 | Europe | | | |
| | AM | 0 344 881 A2 | Dec-06-89 | Europe | | | |
| | AN | 0 352 914 A2 | Jan-31-90 | Europe | | | |
| | AO | 0 424 880 A2 | May-02-91 | Europe | | | |
| | AP | 0 438 362 A1 | Jul-24-91 | Europe | | | |
| | AQ | 0 464 011 A1 | Jan-02-92 | Europe | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AR | "Hand-held Videophone," <i>Popular Science</i> (1992, February) |
| AS | "VideoPhone price cut to \$1,000," <i>USA TODAY</i> (1993, January 2) |
| AT | "SA620 Integrated Front-End," <i>Philips Electronics North America Corp.</i> (1993) |

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| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|-------------------------------|-----|-----------------|----------|-----------------|-------|---------------|----------------------------------|
| | AA2 | 4,856,088 | 08-08-89 | Oliwa, et al. | 455 | 349 | |
| | AB2 | 4,873,576 | 10-10-89 | Hattori, et al. | 358 | 224 | |
| | AC2 | 4,916,441 | 04-10-90 | Gombrich | 340 | 712 | |
| | AD2 | 4,928,300 | 05-22-90 | Ogawa, et al. | 379 | 53 | |
| | AE2 | 4,934,773 | 06-19-90 | Becker | 350 | 6.6 | |
| | AF2 | 4,959,642 | 09-25-90 | Sharples | 340 | 716 | |
| | AG2 | 4,977,456 | 12-11-90 | Furuya | 358 | 213.13 | |
| | AH2 | 5,003,300 | 03-26-91 | Wells | 340 | 705 | |
| | AI2 | 5,008,658 | 04-16-91 | Russay, et al. | 340 | 784 | |
| | AJ2 | 5,008,788 | 04-16-91 | Palinkas | 362 | 231 | |
| | AK2 | 5,023,931 | 06-11-91 | Streck, et al. | 455 | 21 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NC |
|--|-----|-----------------|-----------|---------|-------|---------------|-----------------------|
| | AL2 | 0 472 361 A2 | Feb-26-92 | Europe | | | |
| | AM2 | 0 491 639 A1 | Jun-24-92 | Europe | | | X |
| | AN2 | 0 526 802 A2 | Feb-10-93 | Europe | | | |
| | AO2 | 0 535 401 A1 | Apr-07-93 | Europe | | | |
| | AP2 | 0 539 699 A2 | May-05-93 | Europe | | | |
| | AQ2 | 0 539 907 A3 | May-05-93 | Europe | | | |

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| | |
|----|--|
| AU | Kummerow, T., Meurer, W., "Bildtelefon - ein Kommunikationsdienst im ISDN ab 1991," <i>Telenorma Nachrichten</i> , Telenorma Bosch Gruppe 1989 Heft 93, pp. 52, 53, index and cover page |
| AV | Linder, Ben, "A whole lot smarter," <i>Telephony</i> , pp. 22, 23, 26, 28 and cover (May 19, 1997) |
| AW | |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----|-----------------|----------|-------------------|-------|-----------|----------------------------|
| | AA3 | 5,042,918 | 08-27-91 | Suzuki | 359 | 59 | |
| | AB3 | 5,048,077 | 09-10-91 | Wells, et al. | 379 | 96 | |
| | AC3 | 5,077,784 | 12-31-91 | Fujita, et al. | 379 | 53 | |
| | AD3 | 5,079,627 | 01-07-92 | Filo | 358 | 85 | |
| | AE3 | 5,106,179 | 04-21-92 | Kamaya, et al. | 351 | 158 | |
| | AF3 | 5,111,498 | 05-05-92 | Guichard, et al. | 379 | 53 | |
| | AG3 | 5,122,880 | 06-16-92 | Nagano | 358 | 209 | |
| | AH3 | 5,132,825 | 07-21-92 | Miyadera | 359 | 85 | |
| | AI3 | 5,138,312 | 08-11-92 | Tsukamoto, et al. | 340 | 825.44 | |
| | AJ3 | 5,162,828 | 11-10-92 | Furness, et al. | 353 | 122 | |
| | AK3 | 5,164,833 | 11-17-92 | Aoki | 358 | 224 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO |
|--|-----|-----------------|-----------|---------|-------|-----------|--------------------|
| | AL3 | 0 547 493 A1 | Jun-23-93 | Europe | | | |
| | AM3 | 0 551 781 A1 | Jul-21-93 | Europe | | | |
| | AN3 | 0 626 773 A1 | Nov-30-94 | Europe | | | X |
| | AO3 | EP 0 626 773 B1 | Nov-30-94 | Europe | | | X |
| | AP3 | 0 689 350 A2 | Dec-27-95 | Europe | | | |
| | AQ3 | EP 0 732 606 A2 | Sep-18-96 | Europe | | | |

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|-------------------------------|-----|-----------------|----------|---------------------|-------|---------------|----------------------------------|
| | AA4 | 5,164,980 | 11-17-92 | Bush, et al. | 379 | 53 | |
| | AB4 | 5,185,712 | 02-09-93 | Sato, et al. | 358 | 224 | |
| | AC4 | 5,189,632 | 02-23-93 | Paajanen, et al. | 364 | 705.05 | |
| | AD4 | 5,206,749 | 04-27-93 | Zavracky, et al. | 359 | 59 | |
| | AE4 | 5,220,366 | 06-15-93 | King | 354 | 76 | |
| | AF4 | 5,224,198 | 06-29-93 | Jachimowicz, et al. | 385 | | |
| | AG4 | 5,256,562 | 10-26-93 | Vu, et al. | 437 | 86 | |
| | AH4 | 5,258,325 | 11-02-93 | Spitzer, et al. | 437 | 86 | |
| | AI4 | 5,260,625 | 11-09-93 | Holden, et al. | 313 | 486 | |
| | AJ4 | 5,281,957 | 01-25-94 | Schoolman | 345 | 8 | |
| | AK4 | 5,300,788 | 04-05-94 | Fan, et al. | 257 | 13 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|-----|-----------------|-----------|---------|-------|---------------|----------------------------|
| | AL4 | 92/12453 | Jul-23-92 | WO | | | |
| | AM4 | 93/01583 | Jan-21-93 | WO | | | |
| | AN4 | 93/16550 | Aug-19-93 | WO | | | |
| | AO4 | 93/18428 | Sep-16-93 | WO | | | |
| | AP4 | 93/23783 | Nov-25-93 | WO | | | |
| | AQ4 | 94/01958 | Jan-20-94 | WO | | | |

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|-------------------------------|-----|-----------------|----------|------------------|-------|---------------|------------------------------|
| | AA5 | 5,300,976 | 04-05-94 | Lim, et al. | 354 | 219 | |
| | AB5 | 5,305,244 | 04-19-94 | Newman, et al. | 364 | 708.1 | |
| | AC5 | 5,311,206 | 05-10-94 | Nelson | 345 | 89 | |
| | AD5 | 5,317,236 | 05-31-94 | Zavracky, et al. | 315 | 169.3 | |
| | AE5 | 5,321,416 | 06-14-94 | Bassett, et al. | 345 | 8 | |
| | AF5 | 5,325,429 | 06-28-94 | Kurgan | 379 | 429 | |
| | AG5 | 5,335,276 | 08-02-94 | Thompson, et al. | 380 | 21 | |
| | AH5 | 5,347,378 | 09-13-94 | Handschy, et al. | 359 | 53 | |
| | AI5 | 5,347,400 | 09-13-94 | Hunter | 359 | 815 | |
| | AJ5 | 5,362,671 | 11-08-94 | Zavracky, et al. | 437 | 81 | |
| | AK5 | 5,371,493 | 12-6-94 | Sharpe, et al. | 340 | 825.34 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|-----|-----------------|-----------|-----------------------|-------|---------------|----------------------------|
| | AL5 | 94/09398 | Apr-28-94 | WO | | | |
| | AM5 | 94/11775 | May-26-94 | WO (English Abstract) | | | X |
| | AN5 | 94/14152 | Jun-23-94 | WO | | | |
| | AO5 | 95/11473 | Apr-27-95 | WO | | | |
| | AP5 | 95/25983 | Sep-28-95 | WO | | | |
| | AQ5 | 95/26110 | Sep-28-95 | WO | | | |

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|-------------------------------|-----|-----------------|----------|-------------------|-------|---------------|------------------------------|
| | AA6 | 5,376,979 | 12-27-94 | Zavracky, et al. | 353 | 122 | |
| | AB6 | 5,381,179 | 01-10-95 | Kashimura | 348 | 376 | |
| | AC6 | 5,404,580 | 04-04-95 | Simpson, et al. | 455 | 89 | |
| | AD6 | 5,412,396 | 05-02-95 | Nelson | 345 | 89 | |
| | AE6 | 5,422,656 | 06-06-95 | Allard, et al. | 345 | 173 | |
| | AF6 | 5,444,557 | 08-22-95 | Spitzer, et al. | 359 | 59 | |
| | AG6 | 5,469,278 | 11-21-95 | Takahara, et al. | 359 | 51 | |
| | AH6 | 5,483,285 | 01-09-96 | Lim, et al. | 348 | 341 | |
| | AI6 | 5,485,318 | 01-16-96 | Lebby, et al. | 359 | 811 | |
| | AJ6 | 5,485,504 | 01-16-96 | Ohnsorge | 379 | 58 | |
| | AK6 | 5,486,708 | 01-23-96 | Takahashi, et al. | 257 | 59 | |

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|--|-----|-----------------|-----------|---------|-------|---------------|----------------------------|
| | AL6 | 96/19794 | Jun-27-96 | WO | | | |
| | AM6 | 96/21173 | Jul-11-96 | WO | | | |
| | AN6 | 96/21205 | Jul-11-96 | WO | | | |
| | AO6 | 96/35288 | Nov-07-96 | WO | | | X |
| | AP6 | 97/01240 | Jan-09-97 | WO | | | |
| | AQ6 | 2,123,461 | Nov-15-94 | Canada | | | |

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|-------------------------------|-----|-----------------|----------|--------------------|-------|---------------|------------------------------|
| | AA7 | 5,515,424 | 05-07-96 | Kenney | 379 | 96 | |
| | AB7 | 5,528,285 | 06-18-96 | Morikawa, et al. | 348 | 14 | |
| | AC7 | 5,541,640 | 07-30-96 | Larson | 348 | 19 | |
| | AD7 | 5,548,271 | 08-20-96 | Tsuchiyama, et al. | 340 | 311.1 | |
| | AE7 | 5,549,747 | 08-27-96 | Bozler, et al. | 117 | 43 | |
| | AF7 | 5,561,538 | 10-01-96 | Kato, et al. | 359 | 40 | |
| | AG7 | 5,584,070 | 12-10-96 | Harris, et al. | 455 | 346 | |
| | AH7 | 5,585,948 | 12-17-96 | Petera | 349 | 143 | |
| | AI7 | 5,596,451 | 01-21-97 | Handschy, et al. | 359 | 633 | |
| | AJ7 | 5,608,553 | 03-04-97 | Kim | 349 | 61 | |
| | AK7 | 5,642,129 | 06-24-97 | Zavracky, et al. | 345 | 100 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|-----|-----------------|-----------|----------------------------|-------|---------------|----------------------------|
| | AL7 | 27 15 446 | Oct-12-78 | Germany | | | X |
| | AM7 | DE 38 28 485 A1 | Mar-01-90 | Germany (English Abstract) | | | X |
| | AN7 | G 92 00 683.3 | Jun-06-92 | Germany | | | X |
| | AO7 | 28 20 096 | Nov-15-79 | Germany (English Abstract) | | | X |
| | AP7 | 2 242 335 A | Sep-25-91 | UK | | | |
| | AQ7 | 2,612,351 | Sep-16-88 | France | | | X |

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| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE I APPROPRIATE |
|-------------------------------|-----|-----------------|----------|---------------------|-------|---------------|------------------------------|
| | AAB | 5,646,432 | 07-08-97 | Iwaki, et al. | 257 | 347 | |
| | AB8 | 5,486,946 | 01-23-96 | Jachimowicz, et al. | 359 | 263 | |
| | AC8 | 5,539,554 | 07-23-96 | Lebby, et al. | 359 | 83 | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|-----|-----------------|-----------|--------------------------|-------|---------------|----------------------------|
| | AL8 | 63-151283 | Jun-23-88 | Japan (English Abstract) | | | X |
| | AM8 | 3-53785 | Mar-07-91 | Japan (English Abstract) | | | X |
| | AN8 | 62-91045 | Apr-25-87 | Japan (English Abstract) | | | X |
| | AO8 | 2-218251 | Aug-30-90 | Japan (English Abstract) | | | X |
| | AP8 | 3-136487 | Jun-11-91 | Japan (English Abstract) | | | X |
| | AQ8 | 5-14550 | Jan-22-93 | Japan (English Abstract) | | | X |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|-------------------------------|----|-----------------|------|------|-------|---------------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
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| | AI | | | | | | |
| | AJ | | | | | | |
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|--|-----|-----------------|-----------|-------------------------|-------|---------------|----------------------------|
| | AL9 | 7-177398 | Jul-14-95 | Japan(English Abstract) | | | X |
| | AM9 | 2-196570 | Aug-03-90 | Japan(English Abstract) | | | X |
| | AN9 | 8-129157 | May-21-96 | Japan(English Abstract) | | | X |
| | AO9 | 8-149346 | Jun-07-96 | Japan(English Abstract) | | | X |
| | AP9 | 9-55872 | Feb-25-97 | Japan(English Abstract) | | | X |
| | AQ9 | 9-26617 | Jan-28-97 | Japan | | | X |

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|-------------------------------|----|-----------------|------|------|-------|---------------|------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
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|------|-----------|-----------------|--------------------------|---------|-------|---------------|----------------------------|
| AL10 | 8-76078 | Mar-22-96 | Japan | | | | X |
| AM10 | 8-340546 | Dec-24-96 | Japan | | | | X |
| AN10 | 8-154190 | Jun-11-96 | Japan | | | | X |
| AO10 | 8-95027 | Apr-12-96 | Japan (English Abstract) | | | | X |
| AP10 | 61-139177 | Jun-26-86 | Japan (English Abstract) | | | | X |
| AQ10 | 8-102877 | Apr-16-96 | Japan (English Abstract) | | | | X |

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|-------------------------------|----|-----------------|------|------|-------|---------------|------------------------------|
| | AA | | | | | | |
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|------|----------|-----------------|------|-------------------------|-------|---------------|----------------------------|
| AL11 | 8-248499 | Sep-27-96 | | Japan(English Abstract) | | | X |
| AM11 | 8-114783 | May-07-96 | | Japan | | | X |
| AN11 | 8-149485 | Jun-07-96 | | Japan | | | X |
| AO11 | 5-252523 | Sep-28-93 | | Japan | | | X |
| AP11 | 1-160286 | Jun-23-89 | | Japan(English Abstract) | | | X |
| AQ11 | 2-113656 | Apr-25-90 | | Japan(English Abstract) | | | X |

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08/942,272APPLICANT
Jacobsen et al.FILING DATE
November 10, 1997GROUP
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U.S. PATENT DOCUMENTS

| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE 1 APPROPRIATE |
|-------------------------------|----|-----------------|------|------|-------|---------------|------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|------|-----------------|-----------|----------------|-------|---------------|----------------------------|
| | AL12 | 7-235892 | Sep-05-95 | Japan | | | X |
| | AM12 | 3-105383 | May-02-91 | Japan | | | X |
| | AN12 | 6-123852 | May-06-94 | Japan | | | X |
| | AO12 | 2 308 486 | Dec-21-95 | United Kingdom | | | |
| | AP12 | 2 289 555 | May-17-95 | United Kingdom | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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